

Mariya Yershova

Math 114.-11

Room PE12U

Fall 2016

11:30 am – 12:20 pm

Required Text: Robert Blitzer, “Intermediate Algebra for college students”, 5th edition, Pearson, 2009.

Calculator: A scientific calculator is required. A graphing calculator is recommended. You may not use your cellphone as a calculator and you may not share calculators.

Office Hours: Monday, Wednesday, Thursday, and Friday 1:25-1:55 pm, room E37

Tutorial Center: S43

Email Address: yershovamariya@fhda.edu

Prerequisite: Math 212 (Elementary Algebra) or its equivalent with a grade of C or better, or the Math Placement Exam with qualifying score within the last calendar year

Student Learning Outcomes: Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately. Analyze, interpret, and communicate results of exponential, logarithmic, rational, and discrete models in a logical manner from four points of view—visual, formulaic, numerical, and written.

Course Description: Application of exponential and logarithmic functions, rational functions, and sequences and series to problems. Emphasis on the development of models of real life applications and interpretation of their characteristics.

Course content: Course topics will include

1. Rational expressions and functions
2. Inverse relations and inverse functions
3. Exponential functions and models
4. Logarithmic functions and models
5. Distance between two points in a plane
6. Circles in a plane
7. Sequences and series

Class rules: You are expected to attend class every day. Material not discussed in the text may be covered. If you miss class meetings without a serious reason, you may be dropped from the class. Private conversations during class are not permitted. Cell phones and pagers should be turned off. Cheating is not tolerated. If a student is found cheating, he or she will receive a failing grade for the course and may be reported to the college.

Dropping: Sunday, Oct. 9 is the last day to drop a class with no record of grade. Friday, Nov. 18 is the last day to drop with a "W". It is your responsibility to drop the course officially, if you decide that you do not want to continue with the course.

Homework: Written homework will be assigned each day and collected the next class meeting. It will be graded and returned to you. You receive one point for each returned homework assignment, but it is more important that homework is the basis of learning and preparing for quizzes and tests. You must complete your homework every day to succeed.

Testing: There will be around 10 quizzes. No make up for missed quizzes. Two lowest scores will be dropped. There will be 3 tests. In the case of an excused absence, a makeup for a missed test is allowed during my office hours. It will be your responsibility to notify me via e-mail the day of the missed test to make arrangements for a make-up.

The final exam is Monday, December 12, 11:30 a.m.-1:30 p.m. If you are unable to take the final exam for a serious reason, you must notify me before the official final exam schedule and arrange to take a makeup.

Grading: Your grade will be based on the following:

Quizzes	100 points
Tests	300 points
Final exam	150 points
Homework	55 points

Total 605 points

The grading scale is:

Percentages	Total Points	Grade
86 – 100	520-605	A
76 – 85	460-519	B
66 – 75	399-459	C
52 – 65	315-398	D
Below 52	<315	F

Have a good schoolyear to all!